

Rec'd PCT/PTO 09 MAY 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Applicant: Christopher Gray
 Serial No.: 10/509,171
 Filed: September 23, 2004

Docket No.: 2002P84041WOUS
 Examiner: Not Yet Assigned
 Group Art Unit: Not Yet Assigned

Title: IMPINGEMENT COOLING OF GAS TURBINE
 BLADES OR VANES

09.May.2005

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE
UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

Mail Stop Missing Parts
 Commissioner for Patents
 P.O.Box 1450
 Alexandria, VA 22313-1450

Sir:

This is a response to the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office having a mailing date of 03/28/2005 and for which a period for response of two (2) months from the mailing date of said Notice is set to expire 05/28/2005.

Enclosed is a Declaration by the present Inventors and a copy of the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office.

Please charge the late filing fee or oath or declaration surcharge of \$130.00 in accordance with 37 CFR 1.16(f) to Deposit Account No.19-2179. Issuance of a formal Filing Receipt is respectfully solicited.

Respectfully submitted,



John P. Musone
 Reg. No. 44,961
 Tel.: +1 (407) 736-6449

Siemens Corporation
 Intellectual Property Department
 170 Wood Avenue South
 Iselin, NJ 08830

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to
 703-305-3230 at the Patent and Trademark Office on May 9, 2005.

05/12/2005 SAHMED1 00000001 192179 10509171

81 FC:1617

130.00 DA



Ann Hickey

Ann Hickey

Rec'd PCT/PTO 09 MAY 2005

SIEMENS**FACSIMILE COVER SHEET**In the UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Christopher Gray

Application No. **10/509,171**

Filed: September 23, 2004

Title: **IMPINGEMENT COOLING OF GAS TURBINE BLADES OR VANES**

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

► **FACSIMILE ATTN TO: SHAKEEL AHMED FAX NO.: 703-305-3230**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**Certificate of Transmission under 37 CFR 1.8**I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office on May 9, 2005.

Ann Hickey

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

- This facsimile cover sheet which includes a Certificate of Transmission under 37 CFR 1.8 (1 pg)
- Response to Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office bearing "date mailed" of 03/28/2005 (2 pgs, original + 1 copy);
- Copy of Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office to be returned with response (2 pgs);
- Declaration for Patent Application, Power of Attorney & Designation of Correspondence Address (3 pgs)

Number of pages being transmitted (including this cover sheet): 8 pgs

The information contained in this facsimile message may contain attorney privileged and confidential information intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone, and return the original message to us. Thank you.

Siemens CorporationLegal and Intellectual Property
Department4400 Alafaya Trail
Orlando Florida 32826Tel: 407-736-2472
FAX: 407-736-6440



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/509,171	Christopher Gray	2002P84041WOUS
INTERNATIONAL APPLICATION NO.		
PCT/GB03/01321		
I.A. FILING DATE	PRIORITY DATE	
03/27/2003	03/27/2002	
CONFIRMATION NO. 5185		
371 FORMALITIES LETTER		
 OC000000015574635		

INTELLECTUAL PROPERTY
 REC'D. 4/21/05
 IPD 2002P84041WOUS
 DUE DATE 5-28-05

Date Mailed: 03/28/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/23/2004
- Copy of the International Search Report filed on 09/23/2004
- Copy of IPE Report filed on 09/23/2004
- Preliminary Amendments filed on 09/23/2004
- Information Disclosure Statements filed on 09/23/2004
- Oath or Declaration filed on 09/23/2004
- U.S. Basic National Fees filed on 09/23/2004
- Substitute Specification filed on 09/23/2004
- Priority Documents filed on 09/23/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- \$130 Late oath or declaration Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/509,171	PCT/GB03/01321	2002P84041WOUS

FORM PCT/DO/EO/905 (371 Formalities Notice)

*** RX REPORT ***

RECEPTION OK

TX/RX NO	7620
CONNECTION TEL	4077366440
SUBADDRESS	
CONNECTION ID	
ST. TIME	05/09 14:38
USAGE T	06 '40
PGS.	8
RESULT	OK